



KAISER • HILL
COMPANY

MEMORANDUM

Date: November 5, 2001

To: Jan Robbins

From: Pam Arnold

Subject: WEEKLY STATUS MEETING DOE/LRA for November 5, 2001

Attached are the minutes for the referenced weekly meeting for the Operating Record.
In attendance were:

P. Arnold
J. Floerke
D. Foss
F. Gerdeman
B. Gustafson
K. Kunert
L. Langlois
M. McGrory
D. Onyskiw
J. Tasset
J. Wrapp

In addition to the attached status, the following was discussed:

1. D. Onyskiw mentioned that she and James Hindman had comments on some of the Standard Work Packages for D&D. She asked who she should send the comments to and J. Floerke responded that he would receive the comments and see that they were addressed.
2. F. Gerdeman asked who the proper point of contact would be regarding the MAA/PA closure. J. Floerke responded that Alan Schubert was the contact.
3. D. Onyskiw attended one of the Remediation Waste Training sessions; F. Gerdeman and James Hindman expressed their intent to attend an upcoming session.

End

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ADMIN RECORD

B371 CLOSURE PROJECT

WEEKLY STATUS MEETING

Every Monday, 9:00 a.m.

B371 Conference Room

November 5, 2001

AGENDA

INTRODUCTION – Pam Arnold, X6035, Pager 303-212-4835

D&D

Presenters – Jim Floerke, X2850, Pager 303-212-3292 & Mike McGrory, X5100, Pager 303-212-2146

- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Set 16 Deactivation
- Special Projects
 - *Cerium Nitrate*
 - *MAA/PA Closure*
- B374 Deactivation

Presenter – Barry Gustafson, X3292, Pager 303-212-5290

- Special Projects
 - *North Side Cleanup*
 - *Remote Dismantlement Chamber*
 - *Breathing Air*
- Sets 7, 18, 24, 30 and 56 Status

ENVIRONMENTAL – Pam Arnold, X6035, Pager 303-212-4835

WASTE MANAGEMENT – Laurie Gregory-Frost, X3681, Pager 303-212-1980

AUTHORIZATION BASIS/BIO – John Almon x3217, Pager 303-212-3426

D&D Summary (AAC)

Week Ending 11/2/01

Non-actinide Liquid Draining

KH Target Finish: 9/28/00

Current Early Finish: 10/13/01

SV: -243 days

- CWTS processing continues in support of Set 4A draining. Completed processing the 70 bottles from B707; started processing the B771 bottles.
- Set 4B (1117) draining is complete. (1AQ31DR04B)
- Set 4A (1115/1103) draining is complete. (1AQ31DR04A)
- Set 2B (rebaselined Set 6) entry to complete hanging of tags, and IWCP completion are TBD to support higher priority work. (1AQ31DR02B)

Tanks

KH Target Finish: 9/24/03

Current Early Finish: 11/04/03

SV: -26 days

- Set 5 (3573, 8 tanks) breathing air entries have been suspended. The TMR vacuum system quotes have been received and are in technical evaluation. The commercial HEPA filtered vacuum started to remove rings 10/30 but encountered issues with airflow and pressures. Additional port modifications were engineered and mocked up 11/2. (1AC105ET00)
- Set 4 (3571) line isolations are 100% complete, Set 3 (3517) line isolations are on hold awaiting a crew. (1AC103AT00)
- Set 4 cerium decon and D&D ready package is complete. (1AD104AH00)
- Set 3 cerium decon and D&D ready package is complete.
- Set 13 cerium decon and D&D ready packages for 2307 and 2317 are complete and in the approval process (the 2307 line isolation package is ready to work); package for 2319 is in Engineering. (1AC113AT00)
- Set 15 (2223) line isolation and raschig ring removal package is back in Engineering to incorporate vacuum system.

Gloveboxes

KH Target Finish: 7/30/03

Current Early Finish: 10/17/03

SV: -50 days

- No GB deactivation is scheduled at this time.

CSV

KH Target Finish: 2/13/03

Current Early Finish: 6/30/03

SV: -86 days

- The GB 69 crate drop installation and GB breach are on hold pending technical review of operations strategy.
- Fabrication of the I/O 8 mechanical system is 95% complete and work on the modified gripper has started. The electrical control panel fabrication is 80% complete. The XYZ traverse mockup is scheduled to begin testing the week of 11/5. (1AC109AD01)

- I/O 8 modification package is in review; plan to complete week of 10/29.
- The guillotine door switch relocation is 75% complete. An ECR is required for solenoid test gauges.
- I/O 8 drain line installation package is on hold.

Cerium Nitrate

- CeN decontamination procedure is complete and approved.
- Internal management review to be performed prior to hot startup.

MAA/PA Closure

- The MAA/PA closure plan draft is 65% complete. (AC11PNM20)
- Approximately 11 kg of PU metal in solids/sludges and 30 kg PU oxide is projected to be generated by the 700 Area D&D activities after B371 PuSPS and Residue Operations are scheduled to be complete. Integrated planning in the Project Baseline for disposition of this material is immature. Closure Project Managers have been tasked to provide a recommendation to Kaiser-Hill senior management by December 20. The B371 MAA/PA Closure Plan (draft) will be finalized when this issue is resolved.
- An eU coupon currently stored in B371 is listed as a PuSPS IDC. PuSPS does not have a defined disposition path for this standard. Five similar coupons are currently being processed in B559. B371 is coordinating with 707 D&D to transfer the item into the population being processed by B559.
- TRU Waste Programs has agreed to disposition the leached and unleached resins currently being stored in B371. The assay count on one drum of leached resin will either require repack prior to shipment to B440 or strict coordination prior to shipment so B440 is prepared to repack upon receipt.
- A meeting was held to discuss how to reduce the waste drum storage in B371. TRU Waste Programs explained how the data on the spreadsheet re: disposition of NCRd TRU waste drums describes a recommended disposition. Initial examination of the list indicates numerous drums that could be available for shipment after a gas generation test. The spreadsheet was provided to Production Control, Waste Packaging Compliance, and Material Stewardship.
- The B371/374 Closure Plan vision is the simultaneous closure of the B37/374 MAA/PA. However, addressing schedule risks and drivers could require a modified/reduced MAA or PA. Wackenhut security walked down B374 and the sub-basement and basement areas of B371 to assess options for reducing the MAA/PA.
- A schedule for the PU Oils Mockup was formalized for the activities to mockup the process of blending the PU metal/oil/oily sludge with "kitty litter". Supplies/commodities have been identified and are being purchased.
- A kick off meeting was held to discuss the methodology to be used for the characterization and disposition of IDC 200 (Solid Standards) and other standards (i.e. Graphite standards, Ful-Flo Filters standards, Insulation standard, Mag Oxide Crucible standard, Incinerator Ash standard..) An important element in the characterization process is determining the matrix of each standard. Some of the Standards will be candidates for Box 'n Go but Standards with metal/oxides above the 10 wt % PU content or 200 gram limit will have to be processed. After characterization a new IDC number will be assigned to reflect the reclassification from a product to a waste. The majority of the Standards (approximately 700) are currently stored in B371.
- TRU Waste Programs has identified approximately 110 waste drums available for shipment out of the building. B371 Production Control will walkdown and verify the data.
- Meetings were held on the blending of surrogate sludge with the "kitty litter". It was agreed that the surrogate sludge would be produced by the team to verify the matrix prior to blending. Activities required to develop the blending process were determined and a schedule is being generated. The location for the blending experiments will be in the 700 area.

B374 Deactivation

- Flushing process waste water lines - Job scope is being ascertained for schedule and work control document development.
- Sludge removal - Subcontractors have performed a facility walk down and a SOW is in the review cycle.
- Cessation of operations - Planned for March 2002.
- Transition to decommissioning - Planned for March/April 2002.

D&D Summary (AAD)

Week Ending 11/02/01

Special Projects:

Work continues on three special projects in support of D&D activities.

Isolation of the KOH and Nitric Acid tanks and pumps completed

Work continues on size reducing, clean up and hauling of components and structures.

ACM removal from the KOH tanks was completed last week. Scaffold and containment removal started last week and will continue into this week

The Nitric acid tank, pipe bridges and old argon load station were removed last week.

Clean up of the old cooling tower rubble completed last week.

Engineering Changes are in process to allow continuation of the Breathing Air Modification

Set 7: Rooms 3301, 3303, 3305

KH Scheduled Finish: 10/01/02

Targeted Early Finish: 07/31/02

SV: +66 day

Electrical Isolation is 95% complete.

Draining of low points in piping prior to Mechanical Isolation started last week

Set 18: Rooms 3801, (north portion), 3805

KH Scheduled Finish: 9/10/01

Targeted Early Finish: 10/10/02

SV: -274 days

- Work packages for isolation are with the D&D group to work as soon as the tank deactivation is complete.

Set 24: Rooms 3402, 3404A, 3404, 3406, 3408

KH Scheduled Finish: 9/25/01

Targeted Early Finish: 11/20/01

SV: -36 days

- The Fume hood was removed last week
- Mechanical stripout continued last week.

Set 56: Room 3801, (south portion)

KH Scheduled Finish: 9/10/01

Targeted Early Finish: 12/24/01

SV: -274 days

Work on the drain connection to allow sludge removal from D812 will be performed as resources are available.

Due to re-sequencing, we will not continue to report on sets 18 and 56 until D&D activity is started. The current planning is to perform D&D in B374 starting in April, after spray dryer ops. and sludge removal of selected tanks are completed.

Other sets will be in progress in lieu of 18 & 56. Detailed re-sequencing plans are being developed and will be presented at this meeting in the near future.

ENVIRONMENTAL STATUS
REGULATED UNITS

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
3		Tanks: D132A, B, and C	MRT	3517	
		Nitric Acid Recirc. Pump 31-11, P-28A	IE: 0049	3517	
		Nitric Acid Recirc pump 31-11, P28B	IE: 0050	3517	
		Nitric Acid Recirc pump 31-11, P29A	IE: 0051	3517	
		Nitric Acid Recirc pump 31-11, P29B	IE: 0052	3517	
		Nitric Acid pump 31-15, P63	IE: 0054	3517	
		Pumps P-28A, P-28B, P-29A, and P-29B	IE: 0107	3517	
		Pumps P-33A, P-33B, P-34A, P-34B	IE: 0109	3517	
4		Tanks: D133, D150, D151, D152A, D152B	MRT	3571	
		Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62.	MRT	3571	
		Evaporator Bottoms Pump 31-18 P49A	IE: 0079	3571	
		Evaporator Bottoms Pump 31-18 P49B	IE: 0080	3571	
		Pumps 33 A&B, 34 A&B	IE: 0109	3571	
5		Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	
7		Container Storage – Room	371.1A	3301	
		Mixed Residue Tank – Ancillary Equipment only	N/A	3303	
		Container Storage – Room	371.1A	3305	
		Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	IE: 0122	3305	
		Mixed Residue Tank - Ancillary Equipment only	N/A	3305	
		Container Storage – Room	371.1A	3315	
		GB Storage - GB#32	371.1B	3315	

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
12	CWTS: GB 2401	371.3A	1105	
	CWTS: GB 2402, 2403	371.3A	1103	
	CWTS: GB 18, 23, 2404	371.3A	1115	
	CWTS: Tanks 2401A, B, C & D, 2402A & B, and 2403	371.3A	1103	
	Master process control and alarm panel	N/A	1113	
	Container Storage – Room	90.14	1111	Not currently in Permit – to be closed
	Container Storage – Room	90.19	1115	Not currently in Permit – to be closed
	Tanks: D-44A-1, D-44A-2, D-44A-4, D-44A-5, D-44A-6, D-44B-1, D-44B-2, D-44B-4, D-44B-5, D-44B-6	MRT	1107	
	Tanks: D-43A-1, D-43A-2, D-43A-3, D-43A-4, D-43A-5, D-43B-1, D-43B-2, D-43B-3, D-43B-4, D-43B-5	MRT	1109	
	Tanks: D-160A, B, D-400A, B, D, D-179	MRT	1115	
	Tanks: D-2A, B, D-157A, B, D-238A, B, D-240A, B, D-170, D-171	MRT	1117	
	Tanks: D-293A & B	MRT	1127	
AB	Container Storage – Room	371.1A	1103	
AB	Vault Container Storage	371.1C	1101	
	Wash Liquid Pump 31-17, P-182	IE: 0008	1117	
	HAS Waste Pump 34-04, P4B, Tank D4B from E9, T10 to 2, D811	IE: 0009	1117	
	HAS Waste Pump 34-04, P3A, Tank D3A, from E1, E80 to D811	IE: 0010	1117	
	HAS Waste Pump 34-04, P3B, Tank D3B, from E1, E80 to D811	IE: 0011	1117	
	HAS Waste Pump 34-04, P4A, Tank D4A, from E9-E10 to D2, D811	IE: 0012	1117	
	Pumps P-140, P-141A, P-141B	IE: 0113	1115	
	Pumps P-181 and P-182	IE: 0114	1117	
	Pumps P-5A, P-5B, P-6A, P-6B, P-7A, P-7B, P-15A, P-15B, P-27A, P-27B, P-107A, P-107B, JP-108A, P-108B	IE: 0115	1125	

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
13		Tank D-292A & B	MRT	2317	
		Pumps P-21A, P-914	IE: 0117	2307	
		Pumps P-85A, B, C; P-27A, B, C	IE: -119	2317	
14		Container Storage - Room	371.1A	2325	
18		Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
		See Set 19 also			
		Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805.	374.3	3810/4814	
19		Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851.	374.3	2804	
18/19		Tanks: D806, D807A & B, D808, D843, D942.	374.3	2804/3801	
19		Tanks: D801A, B, & C, D826C, D878, D883A & B, D884,	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19		Spray Chamber W803, Spray Dryer Baghouse FL803	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19/21		Tanks: D824A & B, DD825 A & B, D844 A & B, D848	374.3	2804/3801/ 3803/3805/ 4805/4807	
19		Drum Filter Basins: FL802A & B, Sludge Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B	374.3	2804/3801/ 3803/3805/ 4805/4807	
		See Set 21 also			

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
24		GB Storage - GB's 72B and 72C	371.1B	3408	
		Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56		Tanks: D806 and D807A/B, 808, 812, 813, 814, 815, Polishing Filter FL831	374.3	3801	Tanks D807A/B, D808, D813, D814, D815, and D816 have been declared RCRA Stable and transferred to D&D.
		GB Storage - GB's 107 and 113	374.3	3801	
57		No RCRA Units			
58		Tanks: D825A, D825B, D844A, D844B, D848	374.3	3803/4805/4807	Tanks: 825A, D825B, D844A, D844B, D848 have been declared RCRA Stable and transferred to D&D.
		Ancillary Equipment: FL802A, FL802B, W801, H3, CV813A, CB813B, CV808, CV812, CV813A/B, CV816, W801, H3, FL802A/B, T807, E804A/B/C, E817A/B, P806A/B, P815A/B, P816A/B, P862A/B.	374.3	3803/4805/4807	
		GB Treatment: GB's 115 AB, 116AB, 117AB, 118 AB.	374.3	3803/4805/4807	

Waste Management Summary

Status for Week Ending 11-02-01

- **Remediation Waste Training:** Remediation Waste training is being presented to the D&D workers. Training was held on November 1, 2001. Denise Onyskiw, CDPHE LRA, attended the training class.

Basis for Interim Operations (BIO)

Weeks Ending 11/2/01

D&D Support

- Out-of-commission
 - Developing USQDs for placing dismantlement sets out-of-commission

PuSPS Page Changes

- Carts
 - Implementation complete
- More than one defective 3013 outside vault for work
 - Scheduled to be submitted to DOE 11/9/01 (Delayed to support implementation of carts page change.)
- Process less than 80% Pu oxides
 - Scheduled to be submitted to DOE 12/15/01
- More than twenty 3013 containers outside vaults
 - On hold - May be unnecessary when defective 3013 container page change approved.

Operations Page Changes

- Criticality alarm testing
 - Drafting strategy to review with Operations
- Page change to incorporate all JCOs.
 - Planning stage.
- POCs on dock
 - Will be combined with defective 3013 container page change.
 - Scheduled to be submitted to DOE 11/9/01.

Other Page Changes

- Support of consolidation of HSP Fire Protection procedures
 - Preparation complete
 - Submitted to DOE 11/1/01